ENVIRONMENTAL ENGINEERING LABORATORY
3467 KURTZ STREET, P.O. BOX 10033, SAN DIEGO, CALIF. 92110 • PHONE: 224-2885

Sample Source: Well # 2
Lower zone. Packer deflated

DiGiorgio Corp.
Box A
Borrego Springs, California
Attn: George Kuhats

Date July 19, 1972
Date Collected
Date Received July 10, 1972

Conductivity 575 micromhos/cm @ 25°C
pH 8.0

Principal Constituents

Cations:		mg/l	me/l
Calcium	Ca	8.0	
Magnesium	Mg	5.8	
Sodium	Na	106	
Potassium	K	3.6	
Ammonia	NH_4		
Anions:			
Hydroxide	OH	0	
Carbonate	CO_3	0	
Bicarbonate	HCO_3	134	
Sulfate	SO_4	60	
Chloride	Cl	80	
Nitrate	NO_3	6.7	
Fluoride	F	1.0	
Boron	B		
Silica	SiO_2	12	
Iron	Fe	2.1	
Manganese	Mn	0	
Total Phosphate	PO_4		
Ortho Phosphate	PO_4	0.43	
Nitrite	N		
Nitrate	N	1.5	
Ammonia	N		
Total Organic Nitrogen	N		
Total Kjeldahl Nitrogen	N		
Total Alkalinity	$CaCO_3$	110	
Total Hardness	$CaCO_3$	44	
Dissolved Solids		400	
Turbidity, Units			
Remarks			

		mg/l
Aluminum	Al	
Zinc	Zn	
Hexavalent Chromium	Cr	
Total Chromium	Cr	
Arsenic	As	
Lead	Pb	
Copper	Cu	
Selenium	Se	
Nickel	Ni	
Cyanide	CN	
Phenols		
A B S		
Grease & Oil		
Sulfides		
Suspended Solids		
Volatile Suspended Solids		
Dissolved Solids		
Volatile Dissolved Solids		
Settleable Solids		
BOD, 5 day 20°C		
Oxygen Consumed		
Coliform, MPN/100 ml		
Plate Count/ml		
Plankton Count/ml		

		mg/l
Barium	Ba	
Cadmium	Cd	
Silver	Ag	
Mercury	Hg	
Gold	Au	

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JUL 20 1972
San Diego County Water Authority

C.C. Lyn Burzell

Approved Water Laboratory, California State Department of Public Health

Reported By Robert L. Chambers

ENVIRONMENTAL ENGINEERING LABORATORY
3167 KURTZ STREET, P.O. BOX 10033, SAN DIEGO, CALIF. 92110 • PHONE: 224-2985

Sample Source: Well # 3

Fred Kurtz
Dist. A
Warners Springs, California

Date July 17, 1972
Date Collected
Date Received June 6, 1972

Conductivity 640 micromhos/cm @ 25°C
pH 8.3

Principal Constituents

Cations:		mg/l	me/l		mg/l		mg/l
Calcium	Ca	0		Aluminum Al		Barium Ba	
Magnesium	Mg	0		Zinc Zn		Cadmium Cd	
Sodium	Na	145		Hexavalent Chromium Cr		Silver Ag	
Potassium	K	3.0		Total Chromium Cr		Mercury Hg	
Ammonia	NH_4			Arsenic As		Gold Au	
				Lead Pb			
				Copper Cu			
Anions:				Selenium Se			
Hydroxide	OH	0		Nickel Ni			
Carbonate	CO_3	0					
Bicarbonate	HCO_3	195		Cyanide CN			
Sulfate	SO_4	60		Phenols			
Chloride	Cl	65		A B S			
Nitrate	NO_3	13		Grease & Oil			
Fluoride	F	0.60		Sulfides			
Boron	B			Suspended Solids			
Silica	SiO_2	23		Volatile Suspended Solids			
Iron	Fe	0.02		Dissolved Solids			
Manganese	Mn	0		Volatile Dissolved Solids			
Total Phosphate	PO_4			Settleable Solids			
Ortho Phosphate	PO_4	0.41		BOD, 5 day 20°C			
Nitrite	N			Oxygen Consumed			
Nitrate	N	3.0		Coliform, MPN/100 ml			
Ammonia	N			Plate Count/ml			
Total Organic Nitrogen	N			Plankton Count/ml			
Total Kjeldahl Nitrogen	N						
Total Alkalinity	$CaCO_3$	160					
Total Hardness	$CaCO_3$	0					
Dissolved Solids		450					
Turbidity, Units							
Remarks							

Robert S. Chambers

Approved Water Laboratory, California State Department of Public Health

ENVIRONMENTAL ENGINEERING LABORATORY

3467 KURTZ STREET, P.O. BOX 10033, SAN DIEGO, CALIF. 92110 • PHONE: 224-2885

Sample Source: Well # 2

Fred Kurtz
Box A
Borrego Springs, California

Date: July 17, 1972
Date Collected:
Date Received: June 6, 1972

Conductivity: 640 micromhos/cm @ 25°C
pH: 8.3

Principal Constituents

		mg/l	me/l
Cations:			
Calcium	Ca	0	
Magnesium	Mg	0	
Sodium	Na	145	
Potassium	K	3.0	
Ammonia	NH_4		
Anions:			
Hydroxide	OH	0	
Carbonate	CO_3	0	
Bicarbonate	HCO_3	1[illegible]	
Sulfate	SO_4	[illegible]0	
Chloride	Cl	[illegible]	
Nitrate	NO_3	15	
Fluoride	F	[illegible]	
Boron	B		
Silica	SiO_2	[illegible]	
Iron	Fe	[illegible]	
Manganese	Mn	[illegible]	
Total Phosphate	PO_4		
Ortho Phosphate	PO_4	[illegible].41	
Nitrite	N		
Nitrate	N	3.[illegible]	
Ammonia	N		
Total Organic Nitrogen	N		
Total Kjeldahl Nitrogen	N		
Total Alkalinity	$CaCO_3$	1[illegible]	
Total Hardness	$CaCO_3$	0	
Dissolved Solids		[illegible]	
Turbidity, Units			

		mg/l
Aluminum	Al	
Zinc	Zn	
Hexavalent Chromium	Cr	
Total Chromium	Cr	
Arsenic	As	
Lead	Pb	
Copper	Cu	
Selenium	Se	
Nickel	Ni	
Cyanide	CN	
Phenols		
A B S		
Grease & Oil		
Sulfides		
Suspended Solids		
Volatile Suspended Solids		
Dissolved Solids		
Volatile Dissolved Solids		
Settleable Solids		
BOD, 5 day 20°C		
Oxygen Consumed		
Coliform, MPN/100 ml		
Plate Count/ml		
Plankton Count/ml		

		mg/l
Barium	Ba	
Cadmium	Cd	
Silver	Ag	
Mercury	Hg	
Gold	Au	

Remarks

Reported By: Robert L. Chambers